

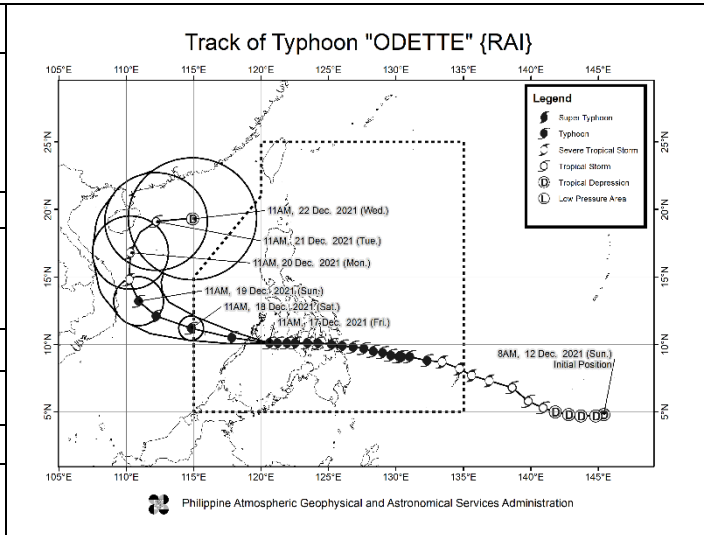


TROPICAL CYCLONE BULLETIN NO. 19
Typhoon "ODETTE"

Issued at 2:00 PM, 17 December 2021
 Valid for broadcast until the next bulletin at 5:00 PM today

TYPHOON "ODETTE" MAINTAINS ITS STRENGTH AS IT APPROACHES PALAWAN.

Location of Center (1:00 PM)
The center of the eye of Typhoon "ODETTE" was located based on all available data at 130 km Southwest of Cuyo, Palawan or 155 km East Northeast of Puerto Princesa City, Palawan (10.1°N, 120.1°E)
Intensity
Maximum sustained winds of 155 km/h near the center, gustiness of up to 215 km/h , and central pressure of 955 hPa
Present Movement
Westward at 25 km/h
Extent of Tropical Cyclone Winds
Strong winds or higher extend outwards up to 480 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 PM 17 December 2021	10.5	117.8	135 km Northwest of Puerto Princesa City, Palawan	140	TY	W 25
24-Hour Forecast 11:00 AM 18 December 2021	11.2	114.8	Over the coastal waters of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	150	TY	WNW 30
36-Hour Forecast 11:00 PM 18 December 2021	12.1	112.2	240 km West Northwest of of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	155	TY	WNW 25
48-Hour Forecast 11:00 AM 19 December 2021	13.2	110.9	240 km Northwest of of Pag-asa Island, Kalayaan, Palawan (outside the PAR)	140	TY	NW 15
60-Hour Forecast 11:00 PM 19 December 2021	14.8	110.2	1,085 km West of Central Luzon (outside the PAR)	110	STS	NNW 15
72-Hour Forecast 11:00 AM 20 December 2021	16.8	110.3	1,075 km West of Northern Luzon (outside the PAR)	95	STS	N 20
96-Hour Forecast 11:00 AM 21 December 2021	19.1	112.2	975 km West of Extreme Northern Luzon (outside the PAR)	65	TS	NE 15
120-Hour Forecast 11:00 AM 22 December 2021	19.3	114.9	690 km West of Calayan, Cagayan (outside the PAR)	45	TD	E 10

Prepared by: *SMRR*

Checked by: *JSG*



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
3 (Destructive typhoon-force winds prevailing or expected within 18 hours)	The northern portion of Palawan (<i>El Nido, Taytay, Araceli, Dumaran, Roxas, San Vicente, Puerto Princesa City</i>) including Cagayancillo and Cuyo Islands	-	-
2 (Damaging gale- to storm-force winds prevailing or expected within 24 hours)	The southern portion of Oriental Mindoro (<i>Bulalacao, Mansalay, Roxas</i>), the southern portion of Occidental Mindoro (<i>Calintaan, Rizal, San Jose, Magsaysay</i>), and the central portion of Palawan (<i>Narra, Sofronio Española, Quezon, Aborlan, Rizal, Brooke's Point</i>) including Kalayaan and Calamian	The southwestern portion of Negros Occidental (<i>Cauayan, Candoni, Ilog, Hinoba-An, City of Sipalay</i>), Antique , the northwestern and western portions of Aklan (<i>Malinao, Madalag, Libacao, Buruanga</i>), the southwestern portion of Capiz (<i>Jamindan, Tapaz</i>), the central and southern portions of Iloilo (<i>Bingawan, Calinog, Dueñas, Lambunao, Badiangan, Janiuay, Cabatuan, Mina, New Lucena, Maasin, Alimodian, Leon, Zarraga, Pototan, Santa Barbara, Leganes, Iloilo City, Pavia, Oton, San Miguel, Tigbauan, Igaras, Tubungan, Guimbal, Miagao, San Joaquin</i>), and Guimaras	-
1 (Strong winds prevailing or expected within 36 hours)	Batangas , the southeastern portion of Quezon (<i>San Francisco, San Andres, San Narciso, Mulanay, Catanauan</i>), Marinduque , Masbate (<i>Esperanza, Mandaon, Palanas, Baleno, Placer, Cawayan, Milagros, Dimasalang, Uson, Cataingan, Pio V. Corpuz, Balud, City of Masbate, Aroroy, Mobo</i>), and Romblon	The western portion of Bohol (<i>Getafe, Talibon, Trinidad, Bien Unido, San Miguel, Dagohoy, Carmen, Dimiao, Danao, Buenavista, Inabanga, Sagbayan, Clarin, Catigbian, Batuan, Bilar, Lila, Loay, Loboc, Sevilla, Tubigon, Balilihan, San Isidro, Calape, Loon, Antequera, Maribojoc, Cortes, Corella, Sikatuna, Albuquerque, Baclayon, Tagbilaran City, Daus, Panglao</i>), Siquijor , Cebu including Bantayan Islands , the rest of Negros Occidental , Negros Oriental , the rest of Capiz , the rest of Iloilo , and the rest of Aklan	The northern portion of Zamboanga del Norte (<i>Baliguian, Gutalac, Kalawit, Labason, Liloy, Tampulisan, Salug, Godod, Bacungan, Sindangan, Siayan, Jose Dalman, Manukan, Pres. Manuel A. Roxas, Katipunan, Sergio Osmeña Sr., Dipolog City, Polanco, Piñan, Mutia, Dapitan City, La Libertad, Sibutad, Rizal</i>), and the northern portion of Misamis Occidental (<i>Don Victoriano Chiongbian, Aloran, Oroquieta City, Lopez Jaena, Concepcion, Sapang Dalaga, Calamba, Baliangao, Plaridel</i>)
Tropical Cyclone Wind Signals hoisted in areas that are no longer listed herein are hereby lifted.			



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- **Today:** Heavy to torrential rains over Western Visayas, Palawan including Calamian, Cuyo, and Cagayancillo Islands, and Negros Oriental. Moderate to heavy with at times intense rains over the Bicol Region, Zamboanga Peninsula, Quezon, and the rest of MIMAROPA. Light to moderate with at times heavy rains over Cagayan Valley, the rest of CALABARZON, Cordillera Administrative Region, Aurora, Lanao del Norte, Misamis Occidental, Lanao del Sur, and the rest of Visayas,
- **Tomorrow:** Heavy to torrential rains over Kalayaan Islands. Moderate to heavy rains over Catanduanes, Camarines Provinces, Quezon, and Aurora. Light to moderate with at times heavy rains over Cagayan Valley, Cordillera Administrative Region, Eastern Visayas, Rizal, Bulacan, mainland Palawan including Calamian Islands, and the rest of Bicol Region.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

- **Destructive** typhoon-force winds will be experienced within any of the areas where TCWS #3 is in effect. This may bring moderate to heavy damage to structures and vegetation.
- **Damaging** winds reaching gale- to storm-force strength will be experienced within any of the areas where TCWS #2 is in effect. This may result in generally light to moderate damage to structures and vegetation.
- Strong winds (strong breeze to near gale) with higher gusts will be experienced within any of the areas where TCWS #1 is currently in effect during the passage of the typhoon. This may generally bring up to very light damage to structures and vegetation.

Coastal Inundation

There is a **moderate to high risk of storm surge** of up to 3.0 m in height in the next 24 hours which may cause life-threatening flooding in the low-lying coastal areas of Antique and several localities of Aklan and Palawan (including Calamian, Cuyo and Cagayancillo Islands). For more information, refer to Storm Surge Warning #7 issued at 8:00 AM today.

HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, moderate to very high seas (1.2 to 10.0 m) will be experienced over the seaboard of areas where TCWS is in effect (especially in the open sea areas). **These conditions are risky for all types of sea vessels.** Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Under the influence of Typhoon "ODETTE" and the prevailing Northeast Monsoon, a **Gale Warning remains in effect** for several coastal waters not under any wind signal, specifically the seaboard of Northern Luzon, and the eastern seaboard of the country. For more information, refer to Gale Warning #51 (Intermediate) issued at 8:00 AM today.
- In the next 24 hours, moderate to rough seas (1.2 to 3.1 m) will also prevail over the remaining seaboard of the country that are not under any wind signal. **These conditions are risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Moving generally westward, the typhoon is forecast to make landfall in the vicinity of northern or central portion of Palawan this afternoon, re-emerge over the West Philippine Sea tonight, and pass in the vicinity of Kalayaan Islands tomorrow. The typhoon is forecast to exit the Philippine Area of Responsibility tomorrow morning or early afternoon.
- "ODETTE" may still see some slight weakening until it crosses Palawan, but it is forecast to remain as a typhoon. Re-intensification is likely once "ODETTE" emerges over the West Philippine Sea. However, continuous weakening may ensue beginning Sunday as the typhoon becomes exposed to increasing vertical wind shear and the surge of the Northeast Monsoon.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.